



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## **APPENDIX B**

### **Proposed Amendment Regulation 8: Organic Compounds, Rule 2: Miscellaneous Operations**

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**REGULATION 8**  
**ORGANIC COMPOUNDS**  
**RULE 2**  
**MISCELLANEOUS OPERATIONS**

**8-2-100      GENERAL**

**8-2-101      Description:** The purpose of this Rule is to reduce emissions of precursor organic compounds from miscellaneous operations.

*(Amended March 17, 1982)*

**8-2-110      Exemption, Natural Gas:** Emissions from any operations consisting entirely of natural gas, provided best modern practices are used, are exempt from this Rule.

**8-2-111      Exemption, Preparation of Food:** Emissions from the preparation of food for human consumption provided best modern practices are used, are exempt from this Rule.

**8-2-112      Exemption, Cold Reduction Equipment Used in Metal Forming:** The emissions from any cold reduction equipment used in metal forming are exempt from this rule provided the cooling oil introduced in the cold reduction system is not less than 90 percent (by weight) normal paraffins of a carbon number 12 or higher and that such oil shall have a Reid vapor pressure not greater than 52 mm Hg (1.0 psia).

*(Amended September 2, 1981)*

**8-2-113      Exemption, Blind Changing:** Emissions from blind changing are exempt from this Rule, providing best modern practices are used.

*(Amended March 17, 1982)*

**8-2-114      Exemption, Miscellaneous Plants:** Emissions from cooling towers, railroad tank cars, marine vessels and crude oil production operations are exempt from this Rule, provided best modern practices are used.

**8-2-115      Exemption, Equipment:** The following equipment is exempt from this Rule, provided best modern practices are used:

- 115.1 Presses used for the curing of rubber products or plastic products.
- 115.2 Ovens used exclusively for the curing of plastics which are concurrently being vacuum held to a mold or for the softening or annealing of plastics.
- 115.3 Ovens used exclusively for the curing of vinyl plastisols by the closed mold curing process.
- 115.4 Equipment used exclusively for the melting or applying of wax.
- 115.5 Equipment used exclusively for the packaging of lubricants and greases.
- 115.6 Equipment used exclusively for the manufacture of water emulsions of waxes, greases or oils.
- 115.7 Vacuum producing devices in laboratory operations or which are used exclusively in connection with other equipment which is excluded or exempted by this Regulation.
- 115.8 Vacuum producing devices which do not remove or convey air contaminants from another source.
- 115.9 Porcelain enameling furnaces, porcelain enameling drying ovens, vitreous enameling furnaces or vitreous enamel drying ovens.
- 115.10 All printing presses other than rotogravure printing presses.
- 115.11 Equipment used exclusively for bonding lining to brake shoes.
- 115.12 Equipment used for hydraulic and hydrostatic testing.
- 115.13 Ovens and furnaces used for heat treating and annealing metals.
- 115.14 Oil quench tanks used for tempering heated metals.
- 115.15 Crucible type or pot type furnaces with a brimful capacity of less than 450 in<sup>3</sup> of molten metal.
- 115.16 Space heating and heat transfer operations using gas fuel and rated at less than one million BTU's per hour.
- 115.17 Equipment used exclusively for steam cleaning.

**8-2-116      Exemption, Equipment or Exhaust System:** The following equipment or any exhaust system or collector exclusively serving such equipment is exempt from this Rule providing best modern practices are used:

- 116.1 Ovens used exclusively for curing potting materials or for castings made with epoxy resins.

- 116.2 Equipment used for compression molding or injection molding of plastics.
- 116.3 Dipping operations for coating objects with oils, waxes, or greases.
- 116.4 Dipping operations for applying coatings of natural or synthetic resins which contain no organic solvents.
- 116.5 Unheated solvent dispensing containers, unheated solvent rinsing containers, or unheated coating dip tanks, all of 100 gal. capacity or less.
- 116.6 Kilns used for firing ceramic ware, heated exclusively by natural gas, liquefied petroleum gas, electricity or any combination thereof.
- 116.7 Shell core and shell molding machines.
- 116.8 Die casting machines.
- 116.9 Laboratory equipment used exclusively for chemical or physical analyses and bench scale laboratory equipment.

**8-2-117 Exemption, Open Outdoor Fires:** The limitations of this Rule shall not apply to emissions arising from open outdoor fires.

*(Adopted December 19, 1990)*

## **8-2-200 DEFINITIONS**

**8-2-201 Miscellaneous Operations:** Any operation other than those limited by the other Rules of this Regulation 8, the Rules of Regulation 10, ~~or~~ Rule 12 of Regulation 12, or limited by compliance with Section 301 of Rule 5 of Regulation 13.

*(Amended July 20, 2005)*

**8-2-202 Total Carbon:** Organic compounds calculated as total carbon shall be determined as follows:

- 202.1 Total carbon of an individual organic compound is equal to the ppm of that compound in an emission multiplied by the number of carbon atoms present in the molecule.
- 202.2 Total carbon in an emission is the sum of the total carbon of all of the individual organic compounds present in the effluent. 1,1,1, trichloroethane, methylene chloride, methane and chlorofluorocarbons shall not be included in the calculation of total carbon.

## **8-2-300 STANDARDS**

**8-2-301 Miscellaneous Operations:** A person shall not discharge into the atmosphere from any miscellaneous operation an emission containing more than 6.8 kg. (15 lbs.) per day and containing a concentration of more than 300 PPM total carbon on a dry basis.

*(Amended May 21, 1980)*

## **8-2-600 MANUAL OF PROCEDURES**

**8-2-601 Determination of Compliance:** Emissions of organic compounds as specified in Section 8-2-301 shall be measured as prescribed by any of the following methods 1) BAAQMD Manual of Procedures, Volume IV, ST-7, 2) EPA Method 25 or 25A, or 3) any other method approved by the APCO. A source shall be considered in violation if the VOC emissions measured by any of the referenced test methods exceed the standards of this rule.

*(Adopted 3/17/82; Amended 6/15/94)*